



### *Mr. David H. Meikrantz*

*Significant research in material separation methods and process chemistry*

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**Education:** Mr. David Meikrantz earned his B.S. in chemistry from Iowa Wesleyan College in 1968 and an M.S. in chemistry from the University of Idaho in 1980 through the INL's Education Program.

**Work experience:** Mr. Meikrantz began his career at INL's Chemical Processing Plant (now called the Idaho Nuclear Technology and Engineering Center) in 1973. His research interests include separations radiochemistry and process chemistry. Mr. Meikrantz spent nine years as Director of Technology for CINC, an INL Technology Transfer Licensee, returning to the Laboratory in 2003.

#### **Licensing information**

For information on licensing INL technologies such as those developed by Mr. Meikrantz, contact the Lead Account Executive for Nuclear Energy:

#### **John Snyder**

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**Professional endeavors:** Mr. Meikrantz currently works in the Advanced Separations Group on the Advanced Fuel Cycle Initiatives (AFCI) program, where he conducts research into improving the performance of annular centrifugal contactors for separations relating to the nuclear fuel cycle as well as for oil/water separations in industry. As a member of the AFCI team he has written the technical strategy plan for future engineering studies to partition spent nuclear fuel and is assisting in developing novel methods for separation of cesium and strontium.

#### **Patents:**

U.S. Patent No. 4,959,158 -- Method for Separating Disparate Components in a Fluid Stream

U.S. Patent No. 4,995,916 -- Method of Recovering Hazardous Waste from Phenolic Resin Filters

U.S. Patent No. 5,080,693 -- Tritium Monitor and Collection System

U.S. Patent No. 5,571,070 -- Rotor Sleeve for a Centrifugal Separator

U.S. Patent No. 5,591,340 -- Centrifugal Separator